

| L Number | Hits   | Search Text  | DB  | Time stamp          |
|----------|--------|--|---|---------------------|
| -        | 75     | ((("0556195") or ("1007491") or ("1131707") or ("1172871") or ("1211604") or ("1241662") or ("1274300") or ("1363363") or ("1698040") or ("1707086") or ("1877760") or ("1903802") or ("1907214") or ("1923666") or ("2409350") or ("2741931") or ("4739968") or ("4765287") or ("5040498") or ("5503130") or ("5647307") or ("5694890") or ("5931134") or ("6105542"))).PN. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:22 |
| -        | 31373  | axial with rotational  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/15<br>11:15 |
| -        | 149247 | ("123").CLAS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/15<br>11:15 |
| -        | 1406   | (axial with rotational) with valve   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/15<br>11:19 |
| -        | 222    | ((("123").CLAS.) and ((axial with rotational) with valve))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/15<br>11:16 |
| -        | 181    | ((("123").CLAS.) and ((axial with rotational) with valve)) and (internal adj combustion adj engine)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/15<br>11:16 |
| -        | 119    | (axial with rotational) with (valve adj stem)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/15<br>11:19 |
| -        | 18     | ((("123").CLAS.) and ((axial with rotational) with (valve adj stem)))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/15<br>11:19 |
| -        | 10     | ("1922678"   "2028138"   "2409350"   "2741931"   "3854849"   "4465040"   "4765287"   "4872430"   "4875440"   "5406917").PN.  | USPAT                                       | 2004/04/15<br>11:25 |
| -        | 105    | (123/58.9).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:42 |
| -        | 37     | (123/90.29).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:42 |
| -        | 143    | (123/90.28).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/13<br>13:45 |
| -        | 5      | ("1414499"   "4309966"   "4424773"   "4739968"   "5322039").PN.  | USPAT                                       | 2004/04/21<br>15:17 |
| -        | 9      | ("1160028"   "1528193"   "1550530"   "1610409"   "2874686"   "3090370"   "3875921"   "3878825"   "4164209").PN.  | USPAT                                       | 2004/04/21<br>15:19 |
| -        | 7      | 4309966.URPN.  | USPAT                                       | 2004/04/21<br>15:19 |
| -        | 2      | ("6439175").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/04/22<br>13:23 |
| -        | 1      | multi\$1level adj combustion adj chamber   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:22 |

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| - | 105    | (123/58.9).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:42 |
| - | 37     | (123/90.29).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/13<br>13:44 |
| - | 143    | (123/90.28).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:42 |
| - | 280    | ((123/58.9).CCLS.) ((123/90.29).CCLS.)<br>((123/90.28).CCLS.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:42 |
| - | 1      | ((123/58.9).CCLS.) ((123/90.29).CCLS.)<br>((123/90.28).CCLS.) and<br>electromechanical  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:43 |
| - | 3105   | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:51 |
| - | 395    | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) with<br>valve  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:44 |
| - | 9      | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) with<br>valve) with axial  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:44 |
| - | 0      | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) with<br>valve) with axial) with rotational                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:45 |
| - | 0      | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) with<br>valve) with axial) with rotation\$4                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:45 |
| - | 8      | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) with<br>valve) with rotation\$4                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:45 |
| - | 149466 | ("123").CLAS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:46 |
| - | 111    | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) with<br>valve) and ("123").CLAS.)                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:46 |
| - | 33     | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) with<br>valve) and ("123").CLAS.) and (engine<br>adj valve)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:51 |
| - | 0      | ((electro adj mechanical)<br>(electro\$lmechanical)) adj actuator) and<br>((123/58.9).CCLS.) ((123/90.29).CCLS.)<br>((123/90.28).CCLS.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:51 |
| - | 80831  | ((electro adj mechanical)<br>(electro\$lmechanical))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:54 |
| - | 1      | ((123/58.9).CCLS.) ((123/90.29).CCLS.)<br>((123/90.28).CCLS.) and ((electro adj<br>mechanical) (electro\$lmechanical)) )                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:51 |
| - | 2470   | ((electro adj mechanical)<br>(electro\$lmechanical)) with rotation\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:54 |

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| - | 2      | ((electro adj mechanical)<br>(electro\$1mechanical)) with rotation\$4)<br>with (engine adj valve)     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>15:55 |
| - | 10     | ((123/58.9).CCLS.) ((123/90.29).CCLS.)<br>((123/90.28).CCLS.)) and seal                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>16:14 |
| - | 3      | ((123/58.9).CCLS.) ((123/90.29).CCLS.)<br>((123/90.28).CCLS.)) and (seal with<br>seat\$3)             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>16:17 |
| - | 1271   | seal with fitted with seat\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>16:17 |
| - | 149466 | ("123").CLAS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>16:17 |
| - | 31     | (seal with fitted with seat\$3) and<br>(("123").CLAS.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>16:17 |
| - | 25     | ((seal with fitted with seat\$3) and<br>(("123").CLAS.)) and valve                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/03<br>16:18 |
| - | 37     | (123/90.29).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/13<br>13:45 |
| - | 143    | (123/90.28).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/13<br>13:45 |
| - | 175    | ((123/90.29).CCLS.) ((123/90.28).CCLS.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/13<br>14:15 |
| - | 2      | ("5205473").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/13<br>14:15 |
| - | 4268   | valve with flat with seat   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:01 |
| - | 149668 | ("123").CLAS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:01 |
| - | 442    | (valve with flat with seat) and<br>(("123").CLAS.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:01 |
| - | 0      | ((valve with flat with seat) and<br>(("123").CLAS.)) and ((intake adj valve)<br>with (flat adj seat)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:02 |
| - | 138    | ((valve with flat with seat) and<br>(("123").CLAS.)) and (valve with (flat<br>adj seat))              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:49 |
| - | 48174  | (intake exhaust) adj valve  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:05 |
| - | 1      | ((intake exhaust) adj valve) with (flat<br>adj seat)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:14 |

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| - | 70   | ((intake exhaust) adj valve) with flat with seat  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:06 |
| - | 0    | ((intake exhaust) adj valve) with (flat adj seat\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:14 |
| - | 28   | ((intake exhaust) adj valve) with (flat with seat\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:14 |
| - | 13   | ((valve with flat with seat) and ("123").CLAS.) and (valve with (flat adj seat) with seat\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:50 |
| - | 89   | (valve with (flat adj seat) with seat\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>12:50 |
| - | 2    | ("5694890").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:22 |
| - | 442  | single adj camshaft   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:23 |
| - | 251  | (single adj camshaft ) with valves  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:23 |
| - | 60   | (single adj camshaft ) with (intake adj valve)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:24 |
| - | 44   | ((single adj camshaft ) with (intake adj valve)) with (exhaust adj valve)                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:34 |
| - | 5593 | valve with seal with seat\$3 with surface   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:35 |
| - | 1229 | valve with seal with (seat\$3 adj surface)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:35 |
| - | 15   | valve with seal with fitted with (seat\$3 adj surface)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/17<br>14:35 |